

CLAIMS:

1. An arrangement for detecting impending light source failure in a projection television receiver, said arrangement comprising:
 - means for measuring (150) an electrical parameter of a light source (102) in a projection television receiver;
 - means for comparing (24) said measured electrical parameter with a predetermined amount; and
 - means for generating (24) a signal when said comparing means indicates that said measured electrical parameter exceeds said predetermined amount.
2. The arrangement as claimed in claim 1, wherein said measuring means (150) measures an arc voltage supplied to said light source (102).
3. The arrangement as claimed in claim 1, wherein said generating means (24) comprises means for illuminating a warning light for alerting a user of the projection television receiver.
4. The arrangement as claimed in claim 1, wherein said generating means (24) comprises means for activating an on-screen display (26) message for the user of the projection television receiver.
5. The arrangement as claimed in claim 1, wherein said comparing means (24) comprises:
 - means for generating a signal indicative of said predetermined amount;
 - and
 - a comparator for comparing said measured electrical parameter to said predetermined amount.